



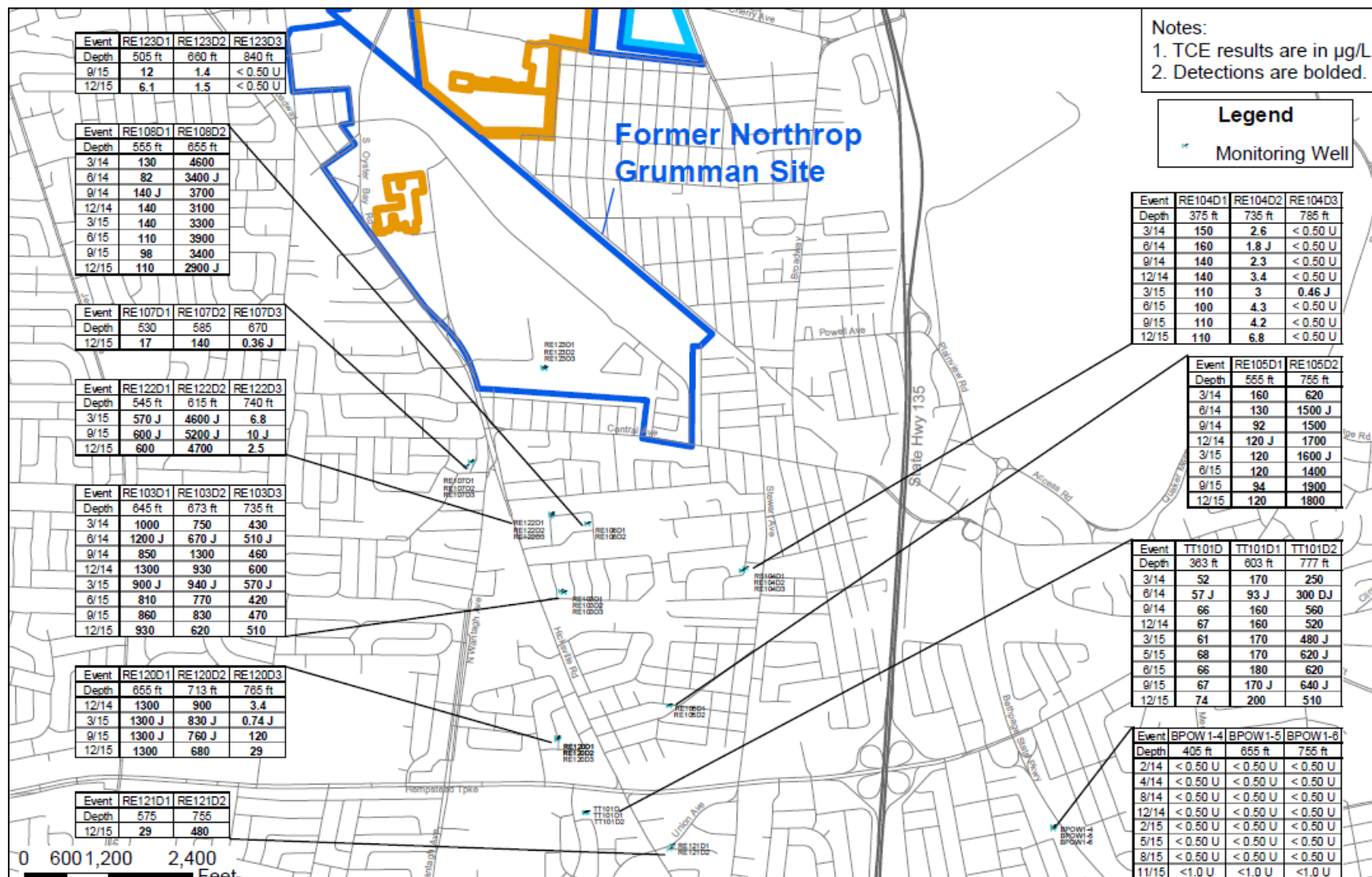
OPERABLE UNIT 2 - OFFSITE GROUNDWATER INVESTIGATION

FEBRUARY 2016 QUARTERLY MEETING

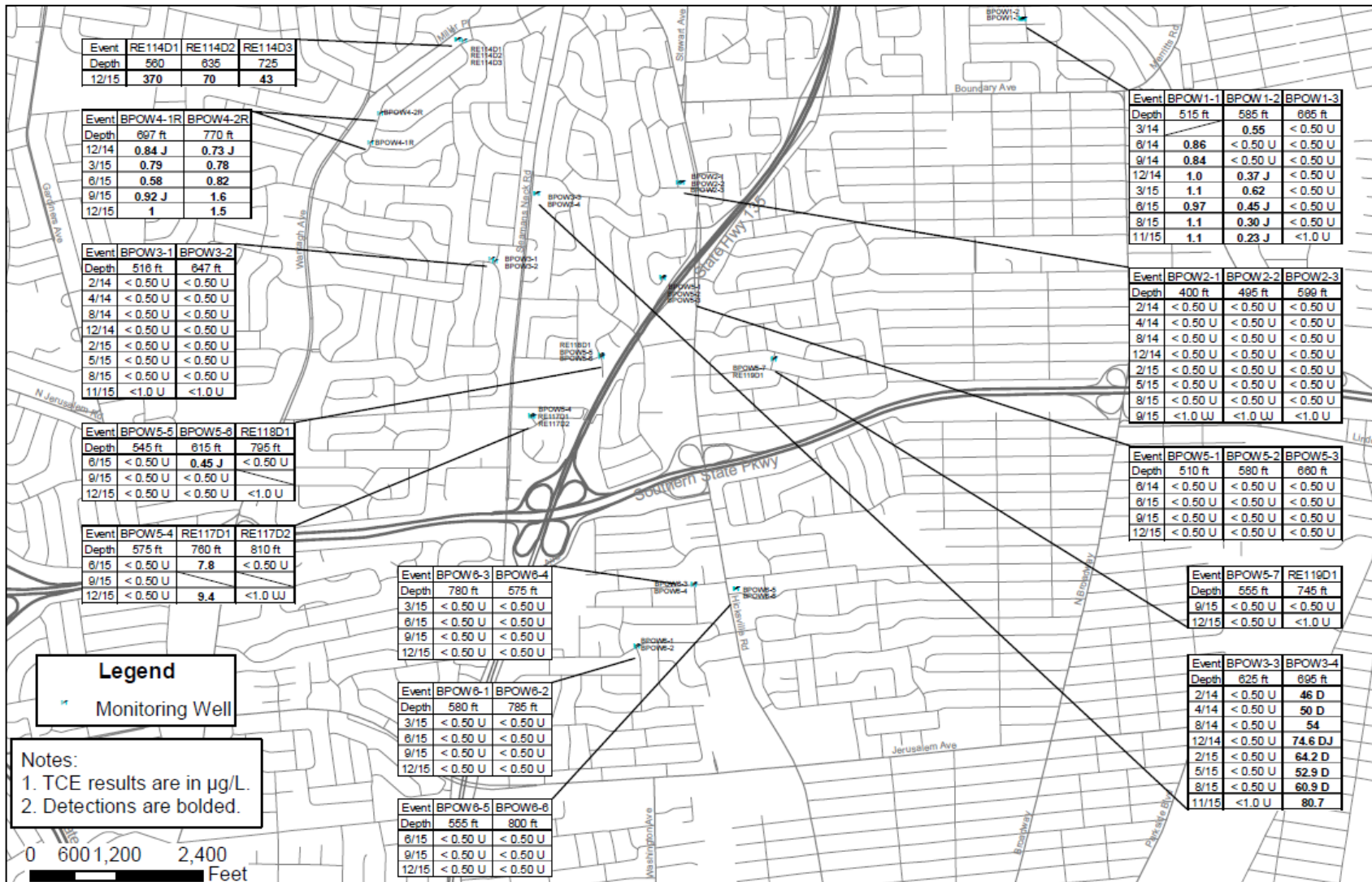
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT BETHPAGE
LONG ISLAND, NEW YORK

02/02/2016

QUARTERLY GROUNDWATER MONITORING WELL RESULTS – TCE North



QUARTERLY GROUNDWATER MONITORING WELL RESULTS – TCE South



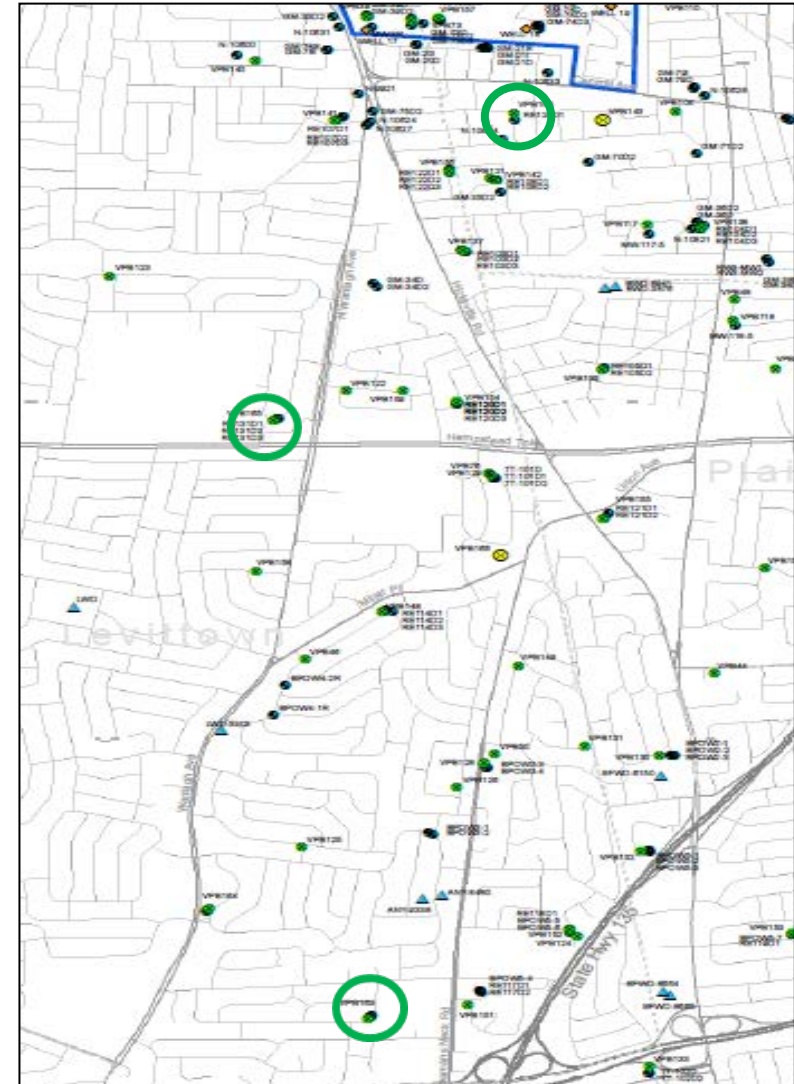
RECENT WORK

VERTICAL PROFILE BORINGS AND MONITORING WELLS



Since October 2015:

- Completed VPB 160
 - Three groundwater monitoring wells will be completed by March 2016
- Completed VPB 165
 - Three groundwater monitoring wells will be completed by April 2016
- Installing VPB 163
 - VPB will be completed by March 2016
- Conducted a round of quarterly groundwater sampling (4Q – Dec), Form I's provided



SUMMARY OF CURRENT INVESTIGATION



- VPB 163 is being installed to provide addition information to west of RE117D1/D2
- Conducting hydraulic connectivity evaluations for MWD (BPOW6 wells) and SFWD Plant 6 (BPOW5 wells)
 - Will need MWD and SFWD permission to conduct pumping tests (controlled pumping rates and times)
 - Need SFWD pumping data to evaluate connectivity
 - USGS modeling area near NYAW and SFWD Plants 3 and 6
- 1,4-Dioxane has no discernable trend.
 - North of Hempstead Turnpike ranges from ND to 30ug/L
 - Hempstead Turnpike to Southern State Pkwy ranges from ND to 12ug/L
 - South of Southern State Pkwy is ND